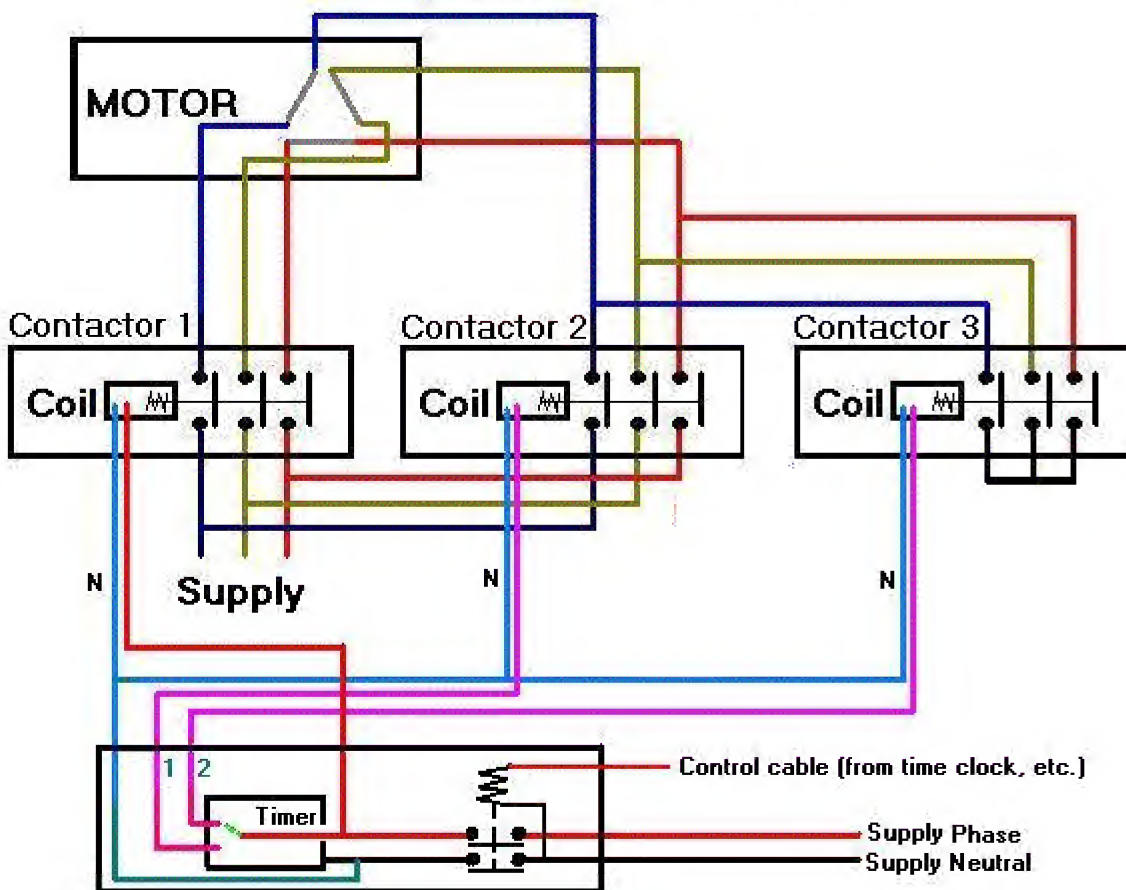


### 3 phase star-delta motor



When control cable is energised, contactor 1 and 2 will energise, along with the timer, which (after a set period of time) will shutdown contactor 2, and switch to contactor 3. Note: contactor 1&3 stay energised, until control circuit is opened again.

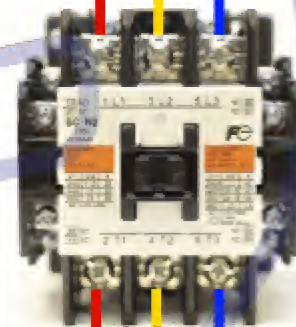
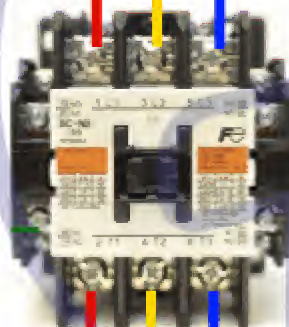
L1  
L2  
L3

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L1 L2 L3

MCB

## Wiring of Star / Delta (Y-Δ) Starter for Auto 3 Phase Induction Motor



K1

K2  
(Δ)

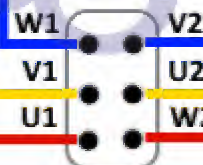
3-Ø Induction Motor  
Automatic Star / Delta  
(Y-Δ) Starter



O/L 1

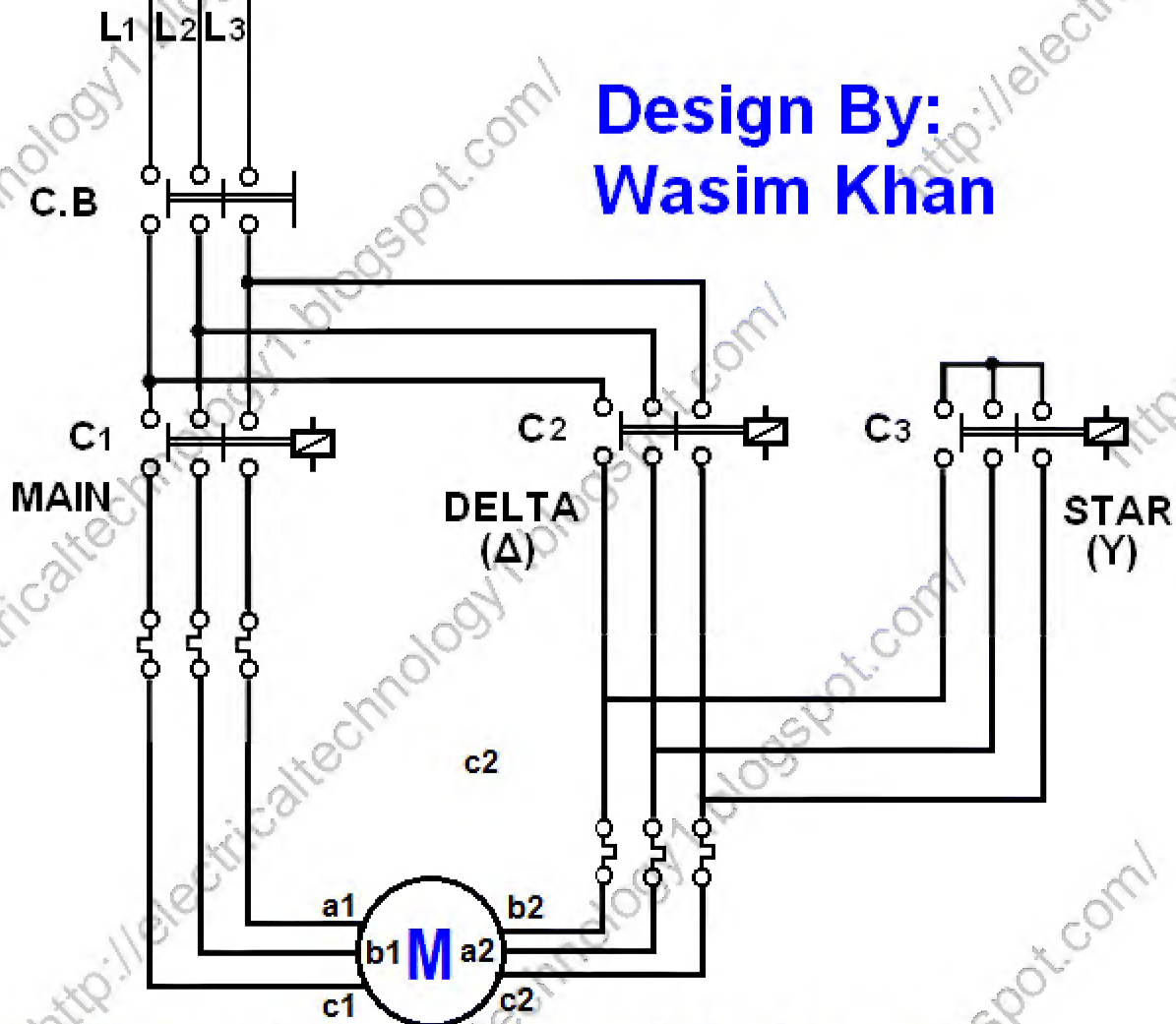


O/L 2



L1, L2, L3 = (3-Phase)  
MCB = Miniature Circuit Breaker  
Y = Star  
Δ = Delta  
K1, K2, K3 = Contactors  
O/L = Thermal Relay

R  
Y  
B



**Design By:  
Wasim Khan**

**Power Circuit Diagram of Automatic  
Star-Delta (Y-Δ) Starter for 3-phase Motor**





# Electrical 4 U

